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<!--StartFragment-->RESULT 7
PCT-US02-22833-26
; Sequence 26, Application PC/TUS0222833
; GENERAL INFORMATION:
; APPLICANT: INCYTE GENOMICS, INC.
; APPLICANT: LAL, Preeti G.
; APPLICANT: HONNCHELL, Cynthia D.
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; APPLICANT: WALIA, Narinder K.
; APPLICANT: TANG, Y. Tom
; APPLICANT: BOROWSKY, Mark L.
; APPLICANT: BARROSO, Ines
; APPLICANT: YUE, Henry
; APPLICANT: WARREN, Bridget A.
; APPLICANT: THANGAVELU, Kavitha
; APPLICANT: GIETZEN, Kimberly J.
; APPLICANT: AZIMZAI, Yalda
; APPLICANT: LEE, Ernestine A.
; APPLICANT: BAUGHN, Mariah R.
; APPLICANT: GORVAD, Ann E.
; APPLICANT: DUGGAN, Brendan M.
; APPLICANT: TRAN, Bao
; APPLICANT: LI, Joana X.
; APPLICANT: RICHARDSON, Thomas W.
; APPLICANT: ELLIOTT, Vicki S.
; APPLICANT: ZEBARJADIAN, Yeganeh
; APPLICANT: TRAN, Uyen K.
; APPLICANT: YAO, Monique G.
; APPLICANT: PETERSON, David P.
; APPLICANT: LUO, Wen
; APPLICANT: LEHR-MASON, Patricia M.
; TITLE OF INVENTION: RECEPTORS AND MEMBRANE ASSOCIATED PROTEINS
; FILE REFERENCE: PF-1082 PCT
; CURRENT APPLICATION NUMBER: PCT/US02/22833
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: US 60/306,020
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: US 60/308,179
; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: US 60/309,702
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: US 60/311,476
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: US 60/311,718
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: US 60/311,551
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: US 60/314,798
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: US 60/316,639
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: US 60/317,996
; PRIOR FILING DATE: 2001-09-07
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PERL Program
; SEQ ID NO 26
; LENGTH: 3320
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
```

SEQ ID NO 1

PCT/US02/22833

Db	1059	TTTGACTCCTCCTTTTTTTAGTAAGGAAGAAATGAGCTCCATGCCTGATGATGTCTTTGAG	1118
Qy	835	TCCCCCCCCACTCTCTGCCAGCTACTTCCGAGGTGTCCCACACTCTGCCTCCCCGGTCTCC	894
Db	1119	TCCCCCCCCACTCTCTGCCAGCTACTTCCGAGGGATCCCACACTCAGCCTCCCCTGTCTCC	1178
Qy	895	CCGGATGGAGTGCACATCCCCTAAAAGAATACAGCGGTGGCCGAGCCCTGGGTCCCCGGG	954
Db	1179	CCCGATGGGGTGCAAATCCCTCTGAAGGAGTA-----TGGCCGAGCCCCAGTCCCCGGG	1232
Qy	955	ACCCAGCGTGGCAAACGCATTGCCTCCAAAGTAAAGCACTTTGCATTGACCGGAAGAAG	1014
Db	1233	CCCCGCGCGGCAAGCGCATCGCTCCAAGGTGAAGCACTTTGCCTTTGATCGGAAGAAG	1292
Qy	1015	AGGCACTACGGCCTGGGTGTCTGTGGGTAAGTGGCTCAACCGAAGCTATCGACGCAGCATC	1074
Db	1293	CGGCACTACGGCCTCGGCGTGGTGGGCAACTGGCTGAACCGCAGCTACCGCCGAGCATC	1352
Qy	1075	AGCAGCACCGTGCAGCGGCAGCTGGAGAGCTTCGATAGCCACCGGCCCTACTTCACCTAC	1134
Db	1353	AGCAGCACTGTGCAGCGGCAGCTGGAGAGCTTCGACAGCCACCGGCCCTACTTCACCTAC	1412
Qy	1135	TGGCTGACGTTTCGTTACATCATCATCACCTTGCTGGTGATCTGCACCTATGGCATCGCA	1194
Db	1413	TGGCTGACCTTCGTCCATGTCTCATCATCAGCTGCTGGTGATTGTCACGTATGGCATCGCA	1472
Qy	1195	CCTGTGGGCTTTGCCCAGCACGTTACCACCCAGCTGGTGCTGAAGAACAGAGGCGTGTAT	1254
Db	1473	CCCGTGGGCTTTGCCCAGCACGTCACCACCCAGCTGGTGCTGCGGAACAAAGGTGTGTAC	1532
Qy	1255	GAGAGCGTGAAGTACATCCAGCAGGAGAACTTCTGGATTGGCCCCAGCTCGATTGACCTC	1314
Db	1533	GAGAGCGTGAAGTACATCCAGCAGGAGAACTTCTGGGTTGGCCCCAGCTCGATTGACCTG	1592
Qy	1315	ATTACCTGGGAGCAAAGTTCTCGCCCTGCATCCGGAAGGACCAGCAAATTGAGCAGCTG	1374
Db	1593	ATCCACCTGGGGGCCAAGTTCTCACCTGCATCCGGAAGGACGGGCAGATCGAGCAGCTG	1652
Qy	1375	GTACGGAGGGAGCGCGACATTGAGCGCACCTCTGGCTGCTGTGTCCAGAATGACCGCTCG	1434
Db	1653	GTGCTGCGCGAGCGAGACCTGGAGCGGACTCAGGCTGCTGTGTCCAGAATGACCACTCC	1712
Qy	1435	GGCTGCATCCAGACCCTGAAGAAGGACTGCTCGGAGACTTTAGCCACGTTCTGTAAGTGG	1494
Db	1713	GGATGCATCCAGACCCAGCGGAAGGACTGCTCGGAGACTTTGGCCACTTTGTCAAGTGG	1772
Qy	1495	CAGAATGATACTGGGCCCTC---AGACAAGTCTGACCTGAGCCAGAAGCAGCCATCGGGC	1551
Db	1773	CAGGATGACACTGGGCCCCCATGGACAAGTCTGATCTGGGCCAGAAGCGGACTTCGGGG	1832
Qy	1552	GTGTGTGCCACCAAGACCCAGGACCTGTGAAGAGCCTGCCTCCAGTGGGGCCACATC	1611
Db	1833	GCTGTCTGCCACCAGGACCCAGGACCTGCGAGGAGCCAGCCTCCAGCGGTGCCACATC	1892
Qy	1612	TGGCCTGATGACATTACCAAGTGGCCGATCTGCACAGAGCAGGCTCAGAGCAACCACACG	1671
Db	1893	TGGCCCGATGACATCACTAAGTGGCCGATCTGCACAGAGCAGGCCAGGAGCAACCACACA	1952
Qy	1672	GGCTTGTGTGCACATAGACTGTAAGATCAAAGGCCGCCCTGCTGCATCGGCACCAAGGGC	1731
Db	1953	GGCTTCCTGCACATGGACTGCGAGATCAAGGGCCGCCCTGCTGCATCGGCACCAAGGGC	2012

Qy	1732	AGCTGCGAGATCACCACCTCGGGAGTACTGTGAGTTCATGCATGGCTATTTCCATGAAGAC	1791
Db	2013	AGCTGTGAGATCACCACCCGGGAATACTGTGAGTTCATGCACGGCTATTTCCATGAGGAA	2072
Qy	1792	GCGACGCTGTGTTCCCAGGTGCACTGTTTAGACAAGGTGTGTGGGCTCCTGCCTTTCCCTC	1851
Db	2073	GCAACACTCTGCTCCCAGGTGCACTGCTTGGACAAGGTGTGTGGGCTGCTGCCCTTCCCTC	2132
Qy	1852	AACCCTGAGGTCCCTGACCAGTTCTACCGGATCTGGCTGTCTTTATTCCCTGCATGCTGGC	1911
Db	2133	AACCCTGAGGTCCCAGATCAGTTCTACAGGCTCTGGCTGTCTCTCTTCCCTACATGCTGGC	2192
Qy	1912	ATAGTGCACCTGCCTTGTGTCTGTGGTCTTCAAATGACCATCCTGAGGGACCTAGAGAAG	1971
Db	2193	GTGGTGCACCTGCCTCGTGTCTGTGGTCTTCAAATGACCATCCTGAGGGACCTGGAGAAG	2252
Qy	1972	CTGGCCGGCTGGCACCGCATCTCCATCATCTTCATCCTTAGTGGCATTACAGGCAACCTG	2031
Db	2253	CTGGCCGGCTGGCACCGTATCGCCATCATCTTCATCCTCAGTGGCATCACAGGCAACCTC	2312
Qy	2032	GCCAGCGCCATCTTCTCCCTACCGGGCAGAGGTGGGCCAGCCGGGTGCGAGTTCGGC	2091
Db	2313	GCCAGTGCCATCTTTCTCCCATACCGGGCAGAGGTGGGCCCGGCCGGCTCACAGTTCGGC	2372
Qy	2092	CTCCTCGCCTGCCTCTTCGTGGAGCTGTTCCAGAGCTGGCAGCTGTTGGAGCGGCCGTGG	2151
Db	2373	CTCCTCGCCTGCCTCTTCGTGGAGCTCTTCCAGAGCTGGCCGCTGCTGGAGAGGCCCTGG	2432
Qy	2152	AAGGCCTTCTTCAACCTGTCGGCCATTGTGCTTTTCTCTTCATCTGTGGCCTCCTGCCC	2211
Db	2433	AAGGCCTTCTTCAACCTCTCGGCCATCGTGTCTTCTCTTCATCTGTGGCCTCCTGCCC	2492
Qy	2212	TGGATAGACAACATCGCCACATCTTCGGGTTCTCAGCGGCATGCTTCTGGCCTTCGCC	2271
Db	2493	TGGATCGACAACATCGCCACATCTTCGGCTTCTCAGTGGCCTGCTGCTGGCCTTCGCC	2552
Qy	2272	TTCCTGCCTTACATTACCTTCGGCACCAGCGACAAGTACCGCAAGCGAGCCCTCATCCTC	2331
Db	2553	TTCCTGCCCTACATCACCTTCGGCACCAGCGACAAGTACCGCAAGCGGGCACTCATCCTG	2612
Qy	2332	GTGTCGCTGCTGGTCTTTGCTGGGCTCTTTGCTTCCCTGGTGTGTGGCTGTACATCTAC	2391
Db	2613	GTGTCACTGCTGGCCTTTGCCGGCCTCTTCGCCGCCCTCGTGTGTGGCTGTACATCTAC	2672
Qy	2392	CCCATCAACTGGCCCTGGATCGAGTACCTCACCTGCTTTCCCTTCACCAGCCGCTTCTGT	2451
Db	2673	CCCATTAAGTGGCCCTGGATCGAGCACCTCACCTGCTTCCCCTTCACCAGCCGCTTCTGC	2732
Qy	2452	GAGAAGTACGAGCTAGACCAGGTGCTACACTAA	2484
Db	2733	GAGAAGTATGAGCTGGACCAGGTGCTGCACTGA	2765

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<!--EndFragment-->
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SEQ ID NO: 2

WO 2003027228-A2

<!--StartFragment-->RESULT 3

ADC42843

ID ADC42843 standard; protein; 827 AA.

XX

AC ADC42843;

XX

DT 18-DEC-2003 (first entry)

XX

DE REMAP protein #3.

XX

KW Cytostatic; Antiarteriosclerotic; Anti-HIV; Antiinflammatory;

KW Antiallergic; Antidiabetic; REMAP; pathogenesis.

XX

OS Homo sapiens.

XX

PN WO2003027228-A2.

XX

PD 03-APR-2003.

XX

PF 16-JUL-2002; 2002WO-US022833.

XX

PR 17-JUL-2001; 2001US-0306020P.

PR 27-JUL-2001; 2001US-0308179P.

PR 02-AUG-2001; 2001US-0309702P.

PR 10-AUG-2001; 2001US-0311476P.

PR 10-AUG-2001; 2001US-0311551P.

PR 10-AUG-2001; 2001US-0311718P.

PR 24-AUG-2001; 2001US-0314798P.

PR 31-AUG-2001; 2001US-0316639P.

PR 07-SEP-2001; 2001US-0317996P.

XX

PA (INCY-) INCYTE GENOMICS INC.

XX

PI Lal PG, Honchell CD, Forsythe IJ, Walia NK, Tang TY, Borowsky ML;

PI Barroso I, Yue H, Warren BA, Thangavelu K, Gietzen KJ, Azimzai Y;

PI Lee EA, Baughn MR, Gorvad AE, Duggan BM, Tran B, Li JX;

PI Richardson TW, Elliott VS, Zebajadian Y, Tran UK, Yao MG;

PI Peterson DP, Luo W, Lehr-Mason PM;

XX

DR WPI; 2003-421156/39.

XX

PT New human receptors and membrane-associated proteins (REMAP), useful for
 PT diagnosing, treating or preventing disorders associated with aberrant
 PT REMAP expression, e.g. cancer, AIDS, atherosclerosis, hypertension or
 PT stroke.

XX

PS Claim 1; SEQ ID NO 3; 115pp; English.

XX

CC The present invention relates to an isolated polypeptide. The
 CC polypeptides and polynucleotides are useful in diagnosing, treating and
 CC preventing disorders associated with aberrant expression of REMAP, such
 CC as cell proliferative, autoimmune/inflammatory, renal, neurological,
 CC cardiovascular, metabolic, developmental, endocrine, muscle,
 CC gastrointestinal, lipid metabolism or transport disorders, and viral
 CC infections. These are also useful in assessing the effects of exogenous
 CC compounds on the expression of nucleic acids and amino acid sequences of
 CC REMAP, in facilitating drug discovery process, and in investigating the
 CC pathogenesis of diseases or medical conditions. Expression and
 CC purification were achieved using bacterial or virus-based expression
 CC systems. The present sequence represents an REMAP protein of the
 CC invention.

XX
SQ Sequence 827 AA;

Query Match 92.1%; Score 4088; DB 7; Length 827;
Best Local Similarity 91.6%; Pred. No. 0;
Matches 760; Conservative 31; Mismatches 33; Indels 6; Gaps 4;

Qy	1	MASADKNGSNLPSVSGSRSLQSRKPPNLSITIPPP--ESQAPGEQDSMLPERRKNPAYLKS	58
Db	1	MASADKNGSGSVSSVSSSRSLQSRKPPNLSITIPPEKETQAPGEQDSMLPE-RKNPAYLKS	59
Qy	59	VSLQEPRGRWQEGAEKRPGRFRRQASLSQSIRKSTAQWFGVSGDWEGKRQNWHRSLHHC	118
Db	60	VSLQEPRSRWQESSEKRPGRFRRQASLSQSIRKGAAQWFGVSGDWEGQRQWQRRSLHHC	119
Qy	119	VHYGRLKASCQRELELPSQEVPSFQGTESPKPKCKMPKIVDPLARGRAFRHPDEVDRPHAA	178
Db	120	MRYGRLKASCQRDLELPSQEAPSFQGTESPKPKCKMPKIVDPLARGRAFRHPPEEMDRPHAL	179
Qy	179	HPPLTPGVLSLTSTSVRSYSHLPRRKRIsvAHMSFQAAAALLKGRSVLDATGQRCRHV	238
Db	180	HPPLTPGVLSLTSTSVRSYSHLPRRKRMsvAHMSLQAAAALLKGRSVLDATGQRCRVV	239
Qy	239	KRSFAYPSFLEEDAVDGDATFDSSFFSKEEMSSMPDDVFESPPLSASYFRGVPHSASPVS	298
Db	240	KRSFAFPSPFLEEDVDGDATFDSSFFSKEEMSSMPDDVFESPPLSASYFRGIPHSASPVS	299
Qy	299	PDGVHIPLKEYSGGRALGPGTQRGKRIASKVKHFADFRRKRHYGLGVGNWLNRSYRRSI	358
Db	300	PDGVQIPLKEY--GRAPVPGPRRGKRIASKVKHFADFRRKRHYGLGVGNWLNRSYRRSI	357
Qy	359	SSTVQRQLESFDSHRPYFTYWLTFVHIIITLLVICTYGIAPVGFAQHVTTLVLKNRGVY	418
Db	358	SSTVQRQLESFDSHRPYFTYWLTFVHVIITLLVICTYGIAPVGFAQHVTTLVLNRKGVY	417
Qy	419	ESVKYIQQENFWIGPSSIDLHLGAKFSPCIRKDDQIEQLVRRERDIERTSGCCVQNDRS	478
Db	418	ESVKYIQQENFWVGPPSSIDLHLGAKFSPCIRKDGQIEQLVLRERDLERDSGCCVQNDHS	477
Qy	479	GCIQTLKKDCSETLATFVKWQNDTG-PSDKSDLSQKQPSAVVCHQDPRTCEEPASSGAHI	537
Db	478	GCIQTQRKDCSETLATFVKWQDDTGPPMDKSDLGQKRTSGAVCHQDPRTCEEPASSGAHI	537
Qy	538	WPDDITKWPICTEQAQSNHTGLLHIDCKIKGRPCCIGTKGSCEITTREYCEFMHGYFHED	597
Db	538	WPDDITKWPICTEQARSNHTGFLHMDCEIKGRPCCIGTKGSCEITTREYCEFMHGYFHEE	597
Qy	598	ATLCSQVHCLDKVCGLLPFLNPEVPDQFYRIWLSLFLHAGIVHCLVSVVFQMTILRDLEK	657
Db	598	ATLCSQVHCLDKVCGLLPFLNPEVPDQFYRLWLSLFLHAGVVHCLVSVVFQMTILRDLEK	657
Qy	658	LAGWHRISIIFILSGITGNLASAIFLPHYRAEVGPAGSQFGLLACLFVELFQSWQLLERPW	717
Db	658	LAGWHRIAIIIFILSGITGNLASAIFLPHYRAEVGPAGSQFGLLACLFVELFQSWPLLERPW	717
Qy	718	KAFFNLSAIVLFLFICGLLPWIDNIAHIFGFLSGMLLAFAFLPYITFGTSDKYRKRALIL	777
Db	718	KAFNLNSAIVLFLFICGLLPWIDNIAHIFGFLSGMLLAFAFLPYITFGTSDKYRKRALIL	777
Qy	778	VSLLVFAGLFASLVWLWYIYPINWPWIEYLTCFPFTSRFCEKYELDQVLH	827

Db 778 VSLLAFAGLFAALVLWLYIYPINWPWIEHLTCFPFTSRFCEKYELDQVLH 827

<!--EndFragment-->